

## UNI-REZ™ 2223 Polyamide Resin

### PRODUCT DATA SHEET

UNI-REZ 2223 polyamide resin is an alcohol soluble type resin that is used for flexographic printing. It has balanced properties making it a good choice for general purpose flexographic surface printing.

#### FEATURES:

- Mid-range viscosity
- Alcohol soluble
- Highly compatible with nitrocellulose

#### POTENTIAL APPLICATIONS:

- Good balance of viscosity and film properties
- Balance of solvent release and gel resistance
- Good heat resistance

### SALES SPECIFICATIONS

Property	Test Method*	Specification	Typical Value
Softening Point, Ring & Ball, °C	AQCM 003A	120-130	122
Color, 50% in n-Propanol, Gardner	AQCM 002C	Max. 7	6
Acid Number	AQCM 001	Max. 6	2.6
Amine Number	AQCM 069A	Max. 7	5.3
Solution Viscosity Brookfield, 50% in n-Propanol, 25°C	AQCM 004	260-360	293

\*Kraton test methods are available upon request

### TYPICAL VALUES

Property	Test Method*	Typical Value
Solution Viscosity Brookfield, 40% in n-Propanol, 25°C	AQCM 004	103
Zahn cup #2 elution time (sec.), 40% in n-Propanol, 25°C	AQCM 145	40
Viscosity, Brookfield, cps 160°C	AQCM 004	590
Color, 40% in n-Propanol, Gardner	AQCM 002A	5 +
Ethanol Solubility, anhydrous 95% Ethanol (IPA denaturant)		
% Solids in Haze Point	ADVM 552	9.9
% Ethanol Tolerance, 20 % NV Ethanol Solution	ADVM 552	101

\*Kraton test methods are available upon request

<b>DOT SHIPPING CLASSIFICATION</b>	Not regulated as dangerous goods.
<b>PACKAGING</b>	UNI-REZ 2223 is a granulated resin, packaged in multiwall paper bags, 50 lbs.
<b>STORAGE RECOMMENDATION</b>	Granulated forms of resin are prone to slow oxidation which may result in darkening and/or have an adverse effect on solubility after prolonged storage. The shelf life of this product can be extended by storing in full, closed containers kept in a cool, dry area.

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